

Recombinant Ramazzottius varieornatus DSUP Protein

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Catalog No.: RP01998LQ

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Ramazzottius varieornatus		P0DOW4

Tags

N-His-sumo C-Flag

Synonyms

Damage suppressor
protein;Dsup;RvY_17224

Product Information

Source

E. coli

Purification

≥ 95 % as
determined by SDS-
PAGE; ≥ 95 % as
determined by
HPLC.

Calculated MW **Observed MW**

Endotoxin

Please contact us for more information.

Formulation

0.22 µm filtered solution of PBS, pH 7.4.

Reconstitution

Background

Unique chromatin-associating protein that contributes to the organism's exceptional tolerance to harsh environmental stresses Protects chromatin from damage caused by hydroxyl radical-mediated cleavage induced by X-rays or treatment with hydrogen peroxide .Shields also DNA against reactive oxygen species .

Basic Information

Description

Recombinant Ramazzottius varieornatus DSUP Protein is produced by *E. coli* cells expression system. The target protein is expressed with sequence (Met1-Lys445) of Human CR2/CD21 (Accession #P0DOW4) fused with His-sumo tag at the N-terminus and Flag tag at C-terminus. .

Bio-Activity

Storage

Store at -70°C. This product is stable at ≤ -70°C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles. Avoid repeated freeze/thaw cycles.

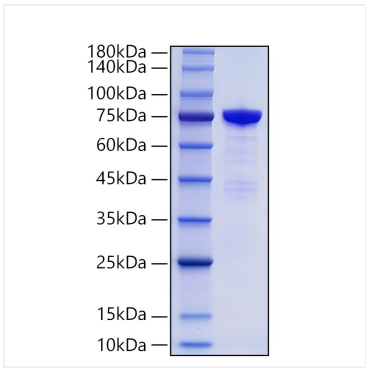
Contact

☎ | 400-999-6126

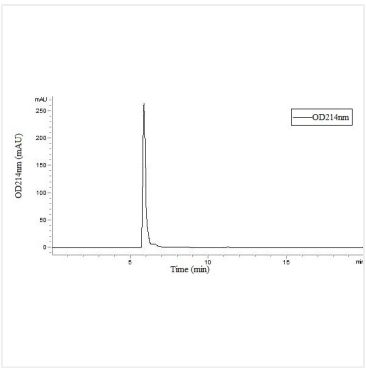
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Validation Data



Recombinant *Ramazzottius varieornatus* DSUP Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



The purity of Recombinant *Ramazzottius varieornatus* DSUP Protein is greater than 95% as determined by SEC-HPLC.